Appendix 2
Operations Project Authorization Form

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Project Title: [redacted] Reliability Improv.	**Project Number: CD01949**
Date Prepared: 03/01/2022	**Company:** Eversource CT
Organization: EFO	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** LT – Rehab - Reconductor
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** No
Estimated in service date: December 31, 2022	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? No	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒Distribution
Total Gross Capital Request: $350k	**Authorization Type:** Initial Funding

Executive Summary

This project is established to address the recurring outages on [redacted]n New Milford, CT. 66 customers on the [redacted]had experienced 17 outages in last 4 years all tree related with seven in 2021 and one in 2022.

[redacted] was last trimmed in November 2018. [redacted]

[redacted]s and perform enhanced tree trimming with removal of 50+ trees to increase reliability and avoid future outages.

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Project Costs Summary

Note: Dollar values are in thousands

Capital Costs	Year 2022	Year 2023	Year 2024+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	$13	$0	$0	$13
Outside Services	$125	$0	$0	$125
Materials	$39	$0	$0	$39
Removals	$20	$0	$0	$20
Risk and Contingency	$17	$0	$0	$17
Other	$0	$0	$0	$0
Subtotal	**$214**	**$0**	**$0**	**$214**
Indirect Capital Costs				
Indirect/Overheads (including benefits)	$130	$0	$0	$130
Capitalized interest or AFUDC, if any	$7	$0	$0	$7
Subtotal	**$137**	**$0**	**$0**	**$137**
Total Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Capital Project Costs	**$350**	**$0**	**$0**	**$350**

Technical Justification:

Project Need, Objective and Justification

This project is established to address the recurring outages on [redacted] in Washington, CT. [redacted] customers on the [redacted] had experienced 12 outages in last 4 years all tree related with four in 2021 and one in 2022.

Therefore, this project purposes on [redacted] and perform enhanced tree trimming with removal of 50+ trees to increase reliability and avoid future outages.

Project Scope

To meet the above objective, this project proposes the following:

- [redacted]
  - [redacted]
  - [redacted]

[redacted]

Major Material:

1. 6,000ft. Single phase 336 Tree Wire
2. 43 Telephone company(frontier) owned poles 45-2
3. 4 K type c/outs with various sizes.
4. 1 140k Tripsaver Material#603557

Background

1. Outage History

[redacted]

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[redacted]

Alternatives Considered:
Were alternative solutions considered/applicable? Include any cost/benefit analysis.

Alternatives were considered (please describe below)
Option#1 under AIMS estimate

[redacted] which have had 3 outages in last four years detailed sketch has been attached under "CD01949 Map [redacted] Reliability Improv" page 2 and cost estimate is attached under "CD01949_project_needs_statement" page 4 to page 6.

1. Total Estimated cost $479k
2. Total Customer Minutes 863,354
3. Total Customer Interruptions 1,120
4. Total Number of Events 17
5. Cust. Interruptions Saved 140
6. Cost Per Cust. Int. Saved $3,493.39
7. Customer Minutes Saved 97,127
8. Cost Per Cust. Min. Saved $5.04

Regulatory Approvals:
No

Project Schedule

Milestone/Phase Name	Estimated Date
100% Engineering Completion	06/2022
Construction Start	11/2022
Testing/Commissioning	N/A
In Service Date	12/2022

Risks and Risk Mitigation Plans

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References

Appendices (One-Line Diagrams, Images, etc.)


CD01949 Map [redacted] Relia


CD01949 Outage [redacted] hollc


CD01949_project_needs_statement.pdf